

What is claimed is:

1. A data migration support system, comprising:  
a computer;  
a storage device connected to said computer;  
means for registering identification information about an unnecessary file to identify one or more unnecessary files;  
first means for determining whether a file stored on said storage device is one of said unnecessary files; and  
second means for determining, for a file that is not one of said unnecessary files, whether it is to be migrated to another storage device.
2. The data migration support system according to claim 1 wherein said storage device can be removed depending on results from said first and second means for determining.
3. The data migration support system according to claim 1, further comprising means for acquiring a history of file migration of files that have been migrated from said storage device to said another storage device, wherein said history of file migration is referenced to determine whether file migration of a file to said another storage device is to be performed.
4. The data migration support system according to claim 1, wherein whether or not a file stored on said storage device is migrated to said another storage device is determined by determining whether it is duplicated on said another storage device.

5. The data migration support system according to claim 1, wherein said another storage device comprises a storage medium that is removable.

6. The data migration support system according to claim 1, further comprising a second computer which is connected to said computer, to said storage device, and to said another storage device,

wherein said second computer comprises said means for registering, said first means for determining, and said second means for determining, and

means for displaying information to indicate that data migration is completed for said storage device.

7. The data migration support system according to claim 6, wherein said second computer further comprises means for notifying said computer of completion of migration of data stored on said storage device when each file stored on said storage device has been determined to be one of said unnecessary files or has been migrated to said another storage device.

8. The data migration support system according to claim 6, wherein said second computer collects information about a file to be stored on said another storage device, checks whether said file is not one of said unnecessary files, and determines whether said file is migrated to said another storage device.

9. A data migration support program for a computer system that is connected to a computer and a removable storage device or a storage device for storing data on a removable medium, the program comprising the steps of:

registering identification information about an unnecessary file to identify one or more unnecessary files;

judging whether a file stored on said removable storage device or said removable storage medium is one of said unnecessary files; and

if the file stored on said removable storage device or said removable storage medium is not one of said unnecessary files, then judging whether said file is migrated to another storage device,

wherein, if each file stored on said removable storage device or said removable storage medium has been judged to be one of said unnecessary files or has migrated to said another storage device, said program displays information to indicate that data migration is completed for said removable storage device or said removable storage medium.

10. The data migration support program according to claim 9, wherein said program includes an unnecessary-file database operation program, a migration completion judgment program, and a removable device detection program.

11. The data migration support program according to claim 10, further comprising a step of displaying unnecessary-file candidates and prompting a user to select an unnecessary file from said displayed unnecessary-file candidates.

12. A data migration support device connected via a network to a first computer system that includes a removable storage device or a storage device for storing data on a removable storage medium and a second computer connected to said removable storage device or said storage

device for storing data on a removable storage medium, the device comprising:

- a processor;
- a controller;
- a memory;
- a communication device connected to said network;

and

- a display unit;

wherein said processor registers identification information about an unnecessary file with said memory to identify a plurality of registered unnecessary files, judges whether a file stored on said removable storage device or said removable storage medium is one of said registered unnecessary files, and if said file is not a registered unnecessary file, then judging whether said file is migrated to another storage device; and

wherein, if each file stored on said removable storage device or said removable storage medium has been determined to be one of said registered unnecessary files or has been migrated to said another storage device, then said controller outputs information to said display unit to indicate that data migration is completed for said removable storage device or said removable storage medium.

13. The data migration support device according to claim 12, wherein said removable storage device or a storage device for storing data on said removable storage medium stores unnecessary-file information and a migration history as migration file information for providing data migration support; and

wherein said controller loads said unnecessary-file information and said migration history into said memory via said communication device.

14. A method for identifying a removable storage device within a computer system that can be connected to a computer and a plurality of storage devices, the method comprising steps of:

registering identification information about an unnecessary file and generating an unnecessary-file database;

acquiring identification information about a file stored on said storage device;

judging based on said unnecessary-file database whether said identification information about said file conforms to unnecessary-file conditions;

judging whether said file is already migrated to another storage device; and

if all the files stored on said storage device conform to the unnecessary-file conditions or are already migrated to said another storage device, then generating identification information about said storage device.

15. The method according to claim 14, further comprising the step of prompting a user to select an entry from an unnecessary-file candidate list in order to register said identification information about said unnecessary file.

16. The method according to claim 14, wherein said removable storage device includes an unnecessary-file table and a migration history as migration file information for providing data migration support.

17. A method for identifying a storage medium that has completed data migration for a computer system to

which a computer and a storage device for storing data on a removable storage medium are connected, the method comprising the steps of:

- registering identification information about an unnecessary file and generating an unnecessary-file database;

- acquiring identification information about a file stored on said storage medium;

- judging with said unnecessary-file database whether said identification information about said file conforms to unnecessary-file conditions;

- judging whether a file corresponding to the nonconforming identification information about said file that is stored in said file database is already migrated to another storage device; and

- generating, if all = files stored on said storage device conform to the unnecessary-file conditions or are already migrated to another storage device, identification information about said storage device.

18. The method according to claim 17, further comprising a step of prompting a user to select an entry from an unnecessary-file candidate list for the purpose of registering identification information about said unnecessary file.

19. The method according to claim 17, wherein said removable storage medium includes an unnecessary-file database and a migration history as migration file information for providing data migration support.

20. A system, comprising:

- a first computer;

- a storage device connected to said first computer;

another storage device connected to said first computer; and

a second computer connected via a network to said first computer and said another storage device;

wherein said storage device acquires a history of file transfer to said another storage device;

wherein said second computer comprises a controller, a memory, a communication device connected to said network, and a display unit; and

wherein said controller registers identification information about unnecessary files with said memory; judges whether files stored on said storage device coincides with said registered unnecessary files; acquires said transfer history from said storage device via said network and said communication device if the files stored on said storage device do not match the identification information about said unnecessary files, and judges whether the files stored on said storage device are migrated to another storage device; and, if each files stored on said storage device is said registered unnecessary file or file migrated to said another storage device, displays information on said display unit to indicate that data migration is completed for said removable storage device.